

**United States Department of Agriculture  
Agricultural Marketing Service, Science & Technology  
Pesticide Data Program**

SOP No.: PDP-QC-13B		Page 1 of 7
Title: Commodity Specific Requirements for Grapes		
Revision: 1	Replaces: 01/01/00	Effective: 04/01/00

**1. Purpose:**

To provide a listing of PDP identified required compounds for grapes.

**2. Scope:**

This standard operating procedure shall be followed by all laboratories analyzing grapes for PDP. This SOP shall be used in conjunction with QC-13 which identifies commodity groupings for selected/single screens, validation purposes, and approved process controls.

**3. Outline of Procedure:**

- 5.1 Compounds Required for Multi Residue Screens
- 5.2 Multi Residue Marker Pesticides for Grapes

**4. References:**

- PDP Tolerance Table, January 2000
- SOP PDP-QC-13, "Required Compounds, Commodity Groups and Marker Pesticides", revision 5, January 1, 2000
- Federal/State Meeting, October 26-28, 1999

**5. Specific Procedures:**

This standard operating procedure (SOP) represents minimum PDP requirements and is presented as a general guideline. Each laboratory shall have written procedures that provide specific details concerning how the procedure has been implemented in that laboratory.

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**United States Department of Agriculture  
Agricultural Marketing Service, Science & Technology  
Pesticide Data Program**

SOP No.: PDP-QC-13B		Page 2 of 7
Title: Commodity Specific Requirements for Grapes		
Revision: 1	Replaces: 01/01/00	Effective: 04/01/00

### 5.1 Compounds Required for Grapes Multi Residue Screens

<b>Grapes Compound</b>	<b>Reported As</b>	<b>Pest Code</b>
3-Hydroxycarbofuran		512
Azinphos methyl		042
Captan		011
Carbaryl		102
Carbofuran		180
Chlorpyrifos		160
DDE	DDE o,p'	911
	and/or DDE p,p'	910
	or DDE (total combined)	300
Diazinon		024
Diazinon O-analog		395
Dichlorvos		338
Dicloran		144
Dicofol/Dichlorobenzophenone	Dicofol o,p'	253
	and/or Dicofol p,p'	254
	or Dicofol (total combined)	047
Dimethoate		171
Endosulfan I		900
Endosulfan II		901

**United States Department of Agriculture  
Agricultural Marketing Service, Science & Technology  
Pesticide Data Program**

SOP No.: PDP-QC-13B		Page 3 of 7
Title: Commodity Specific Requirements for Grapes		
Revision: 1	Replaces: 01/01/00	Effective: 04/01/00

<b>Grapes Compound</b>	<b>Reported As</b>	<b>Pest Code</b>
Endosulfan sulfate		902
Ethion		107
Fenamiphos		236
Fenamiphos sulfone		745
Folpet		126
Iprodione		626
Lindane		050
Malathion		052
Malathion O-analog		208
Metalaxyl		607
Methomyl		159
Methoxychlor	Methoxychlor p,p' or Methoxychlor (total combined)	275 055
Mevinphos	Mevinphos E	579
	and Mevinphos Z	578
	or Mevinphos (total combined)	069
Myclobutanil		679
Norflurazon		596
Norflurazon desmethyl		AAS

**United States Department of Agriculture  
Agricultural Marketing Service, Science & Technology  
Pesticide Data Program**

SOP No.: PDP-QC-13B		Page 4 of 7
Title: Commodity Specific Requirements for Grapes		
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<b>Grapes Compound</b>	<b>Reported As</b>	<b>Pest Code</b>
Omethoate		178
Oxydemeton methyl sulfone		245
Oxyfluorfen		713
Parathion		065
Parathion methyl		057
Parathion methyl O-analog		779
Parathion O-analog		370
Phosalone		166
Phosmet		165
Piperonyl butoxide		070
Procymidone		593
Pronamide		540
Propargite		623
Simazine		149
Tebuconazole		A58
Tetradifon		108
Thiabendazole		157
Triadimefon		608
Trifluralin		151

**United States Department of Agriculture  
Agricultural Marketing Service, Science & Technology  
Pesticide Data Program**

SOP No.: PDP-QC-13B		Page 5 of 7
Title: Commodity Specific Requirements for Grapes		
Revision: 1	Replaces: 01/01/00	Effective: 04/01/00

<b>Grapes Compound</b>	<b>Reported As</b>	<b>Pest Code</b>
Vinclozolin		529

**5.2 Multi Residue Marker Pesticides for Grapes**

Azinphos methyl	Carbaryl	DDE p,p'
Diazinon	Dicloran	Dimethoate
Endosulfan I	Ethion	Iprodione
Methomyl	Propargite	Thiabendazole

**United States Department of Agriculture  
Agricultural Marketing Service, Science & Technology  
Pesticide Data Program**

SOP No.: PDP-QC-13B		Page 6 of 7
Title: Commodity Specific Requirements for Grapes		
Revision: 1	Replaces: 01/01/00	Effective: 04/01/00

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**United States Department of Agriculture  
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Pesticide Data Program**

SOP No.: PDP-QC-13B		Page 7 of 7
Title: Commodity Specific Requirements for Grapes		
Revision: 1	Replaces: 01/01/00	Effective: 04/01/00

Revision 1 February, 2000 Pesticide Data Branch

- Added captan to the required compound list